

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Trulite Window & Door Solutions, LLC 8130 NW 74th Avenue Medley, FL 33166

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "4100" Aluminum Sliding Glass Door (Steel-reinforced)-L.M.I.

APPROVAL DOCUMENT: Drawing No. **W09-17 Rev F**, titled "Series 4100 Alum Sld. Glass Door (L.M.I.)", sheets 1 through 6 of 6, dated 03-11-09 and last revised on June 11, 2014, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant Limitations:

- 1. OX, XO or OXO configurations.
- 2. Typical pairs of anchors to be used at each location shown in elevation in sheet $\underline{1}$.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews #12-0118.31 consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

(MIAMI-DADE COUNTY)

NOA No. 13-1224.01 Expiration Date: July 08, 2019 Approval Date: June 19, 2014

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections (Submitted under file #12-0118.31 & #10-0804.04)
- 2. Drawing No. **W09-17 Rev F**, titled "Series 4100 Alum Sld. Glass Door (L.M.I.)", sheets 1 through 6 of 6, dated 03-11-09 and last revised on June 11, 2014, prepared by AL-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under file #12-0118.31 & #10-0804.04)

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of an OXO aluminum Sliding glass door, prepared by Fenestration Testing Lab., Test Report No. FTL-5766, dated 01/23/09, signed and sealed by Michael S. Wenzel, P. E.

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-2014 (5th Edition), prepared by Al Farooq Corporation, dated 03/31/14 and last revised on 06/04/14, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies w/ ASTME-1300-04 &-09

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory And Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 12–1231.08 issued to Eastman Chemical Company (MA) for the "Saflex CP: Saflex and Saflex HP Composite Glass Interlayers with PET Core", expiring on 12/11/18.
- 2. Technical strength data of flexible vinyl (Apex 31674) gasket extruded by Melt plastic Int'l Inc.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2014 (5th Edition), prepared by Al-Farooq Corporation, dated 01/04/12, signed and sealed by Javad Ahmad, P.E.
- 2. Statement letter of conformance FBC 2010 and letter of no financial interest, prepared by Al-Farooq Corporation, dated 01/04/12, signed and sealed by Javad Ahmad, P.E. (Submitted under file #12-0118.31)
- 3. Statement letter of compliance, part of the above referenced test reports.

Ishaq I. Chanda, P.E.

Product Control Examiner NOA No. 13-1224.01

Expiration Date: July 08, 2019 Approval Date: June 19, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- F. STATEMENTS (continue): (Statement below were submitted under file #12-0118.31)
 - 4. Sales agreement between AWP, LLC (seller) and Arch Aluminum & Glass Enterprise, a Delaware Corp (purchaser) dated Jan 14, 2010, signed by Leon J. Silverstein and Wm, Robert Wright, respectively.
 - 5. Certificate of registration of Arch Windows, LLC in State of Delaware, dated 02-03-10.
 - 6. Certificate of registration of Arch Windows, LLC (Delaware) in State of Florida dated 02-04, 2010, managed by Arch Intermediate Holding, LLC.
 - 7. Florida Dept of State, listing of Arch Window, LLC (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl.
 - 8. Asset purchase agreement dated 11/01/06 among AWP, LLC (Buyer) and Yale Ogron Windows & Door Inc. (seller), signed by Leon J. Silverstein and Manny Valladares, respectively.
 - 9. Statement letter dated March 25, 2010, issued by Arch Windows, LLC that it has purchased all assets of AWP, LLC effectively Jan 29, 2010, signed by Leon Silverstein, President/CEO (Arch Windows, LLC).

G. OTHER

- 1. This NOA revises & renews #12-0118.31, expiring on July 08, 2014.
- 2. Test proposal dated 08/04/08 approved by BCCO.

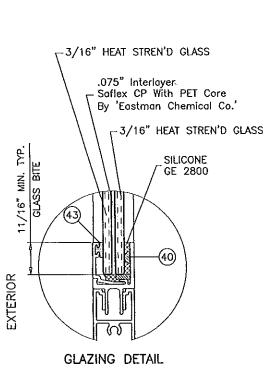
Ishaq I. Chanda, P.E.
Product Control Examiner

NOA No. 13-1224.01

Expiration Date: July 08, 2019 Approval Date: June 19, 2014

DESIGN LOAD CAPACITY - PSF							
DOOR FRAME WIDTH (OX, XO)	DOOR FRAME WIDTH (OXO)	DOOR FRAME HEIGHT	7/16" LAM. GLASS				
INCHES	INCHES	INCHES	EXT. (+)	INT. (-)			
72	108		60.0	60.0			
80	120		60.0	60.0			
88	132	80	60.0	60.0			
96	144		60.0	60.0			
104	156		55.6	55.6			
112	168		51.6	51.6			
72	108		60.0	60.0			
80	120		60.0	60.0			
88	132	84	60.0	60.0			
96	144		60.0	60.0			
104	156		55,6	55.6			
72	108	90	60.0	60.0			
80	120		60.0	60.0			
88	132		60.0	60.0			
96	144		60.0	60.0			
72	108		60.0	60.0			
80	120	95-1/2	60.0	60.0			
88	132		60.0	60.0			
96	144		60.0	60.0			

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY EGRESS REQUIREMENTS PER FBC.



DAYLITE OPENINGS:

D.L.O. HEIGHT = PANEL HEIGHT - 6.625"

D.L.O. WIDTH (FIX. PANEL) = PANEL WIDTH - 5.750"

D.L.O. WIDTH (OPER. PANEL) = PANEL WIDTH - 6.000"

PANEL HEIGHT = DOOR FRAME HEIGHT - 0.875"

CORNERS 94 5/8" PANEL HEIGHT 43" D.L.O. WIDTH 48 3/4" FIX. PANEL WIDTH

6" MAX.

HEAD/SILL

SERIES 4100 ALUMINUM SLIDING GLASS DOOR

DESIGN LOAD CAPACITY FOR DOORS TO BE AS PER CHARTS SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

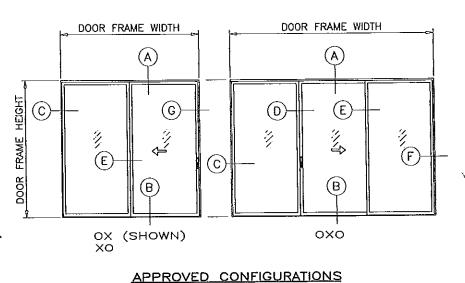
1BY OR 2BY WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE.



GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

144 1/2" DOOR FRAME WIDTH

Α

42 3/4"

D.L.O. WIDTH

48 3/4"

MOV. PANEL WIDTH

TYPICAL ELEVATION

TESTED UNITS

12" MAX.

HEAD/SILL

(D)

3" MIN.

TYP.

(3) PAIRS AT

INETRLOCK/ASTRAGAL ENDS

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT AND REQUIRE NO SHUTTERS, AND AHMA

43"

D.L.O. WIDTH

48 3/4"

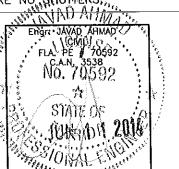
FIX. PANEL WIDTH

PRODUCT REVISED

es complying with the Florids Acceptance No 13 - 1224.0

Missel Dade Present Course

Expiration Date TOY 08, 2019



1/2"=1'-0" 03-11-09 څ ا drawing no. W09-17

sheet 1 of 6

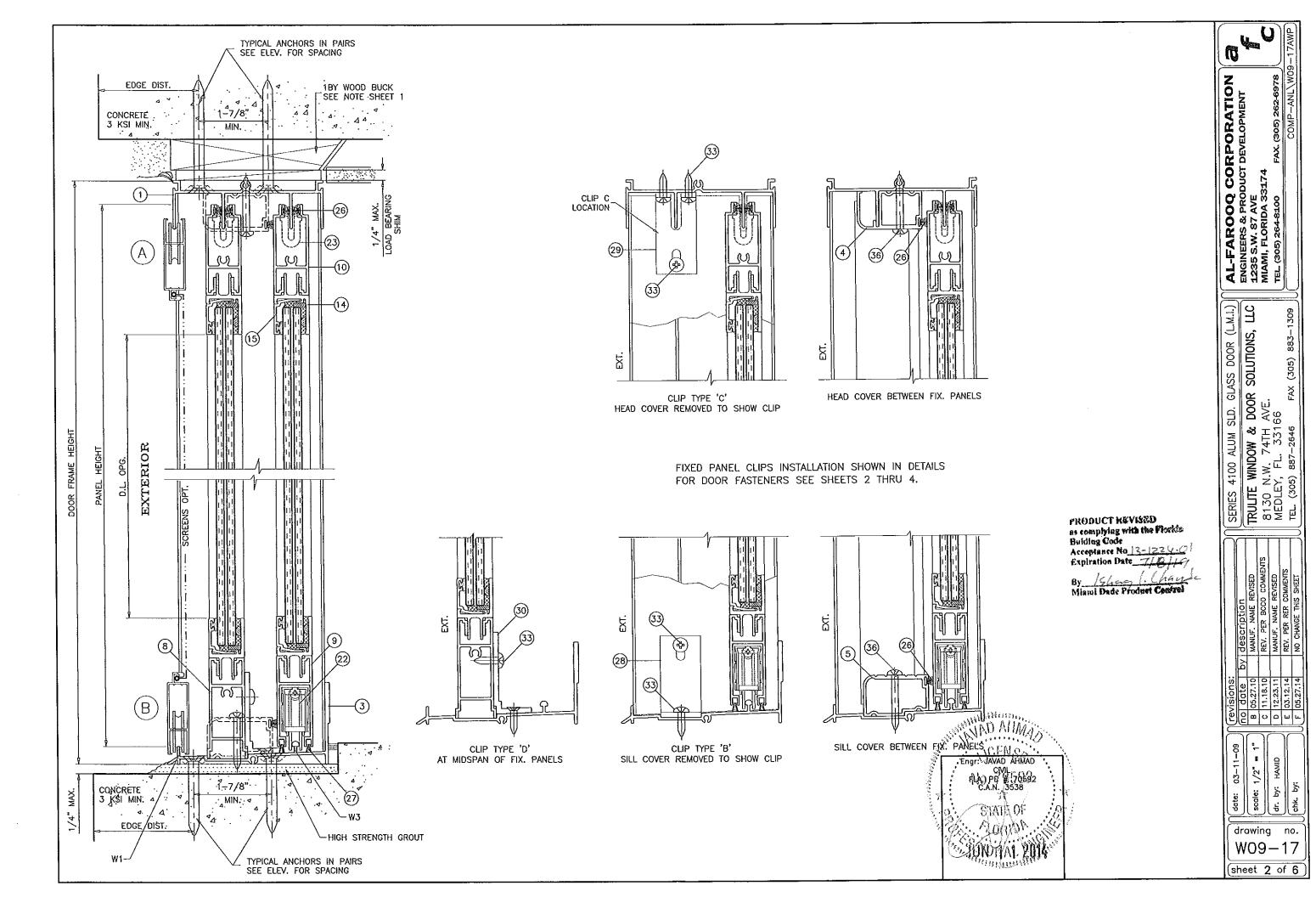
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

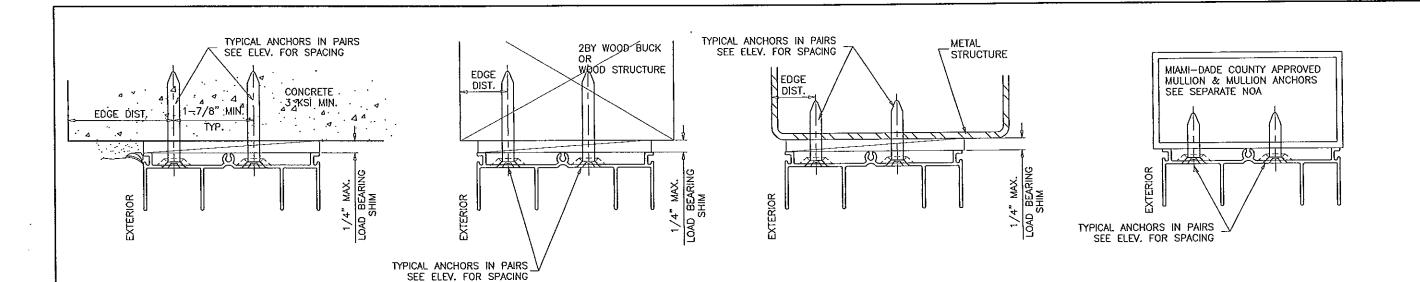
임 (L.M.I.)

SOLUTIONS, DOOR

TRULITE WINDOW & DOOR S 8130 N.W. 74TH AVE. MEDLEY, FL. 33166 TEL. (305) 887–2646 FAX

4100 ALUM SLD. GLASS





WOOD BUCKS AND METAL STRUCTURE NOT BY TRULITE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

DIRECTLY INTO CONC. OR MASONRY

1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)

1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)

1/4" DIA, TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO METAL STRUCTURES

STEEL: 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8") (NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c=3000 PSI MIN. C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm=2000 PSI MIN.

Miami Dade Freduct Control

GLASS DOOR (L.M.I.)

RECEIVED BY THE CORPORATION

OR SOLUTIONS, LLC

E. MIAMI, FLORIDA 33174

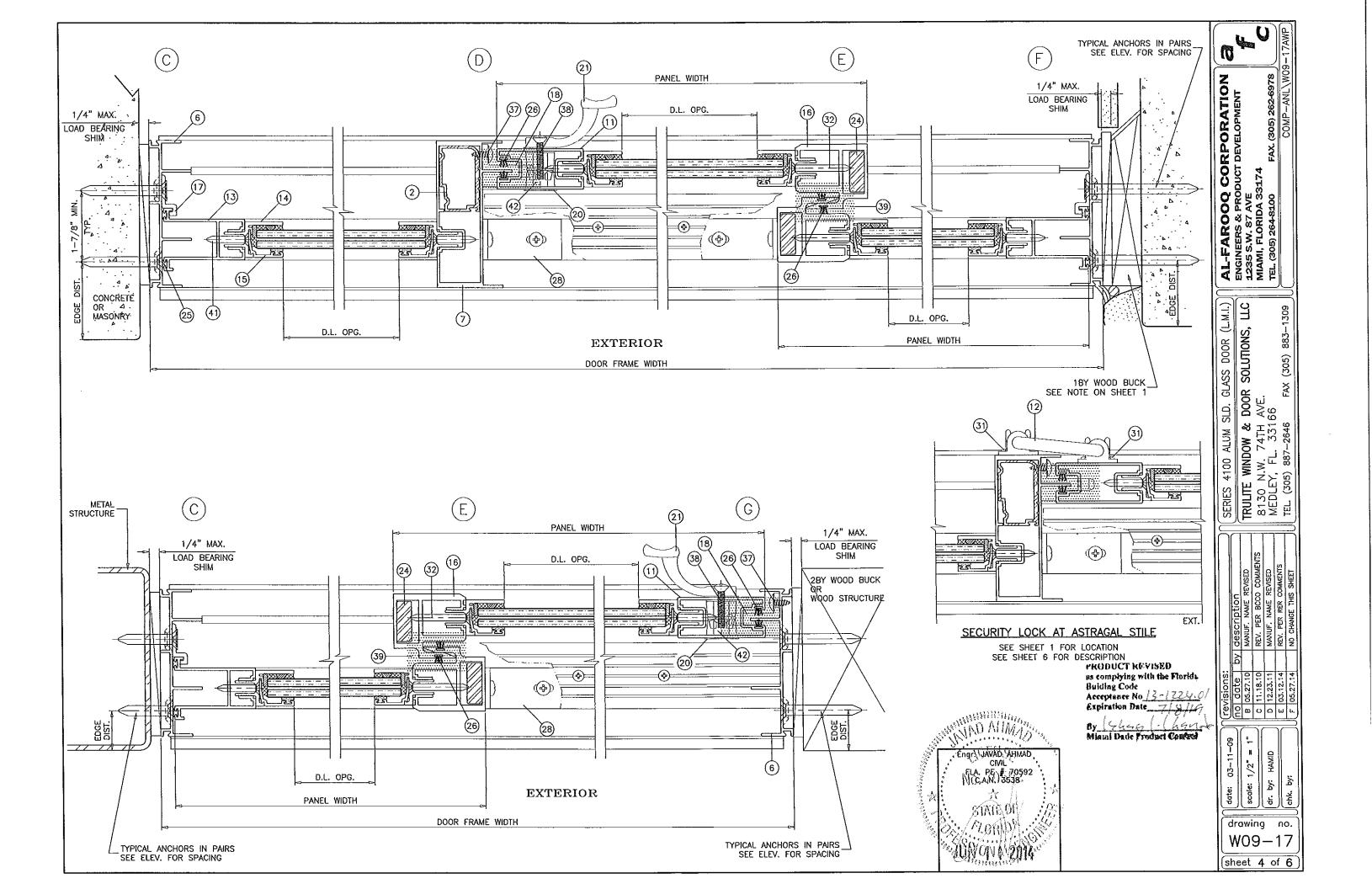
TEL. (305) 2648100

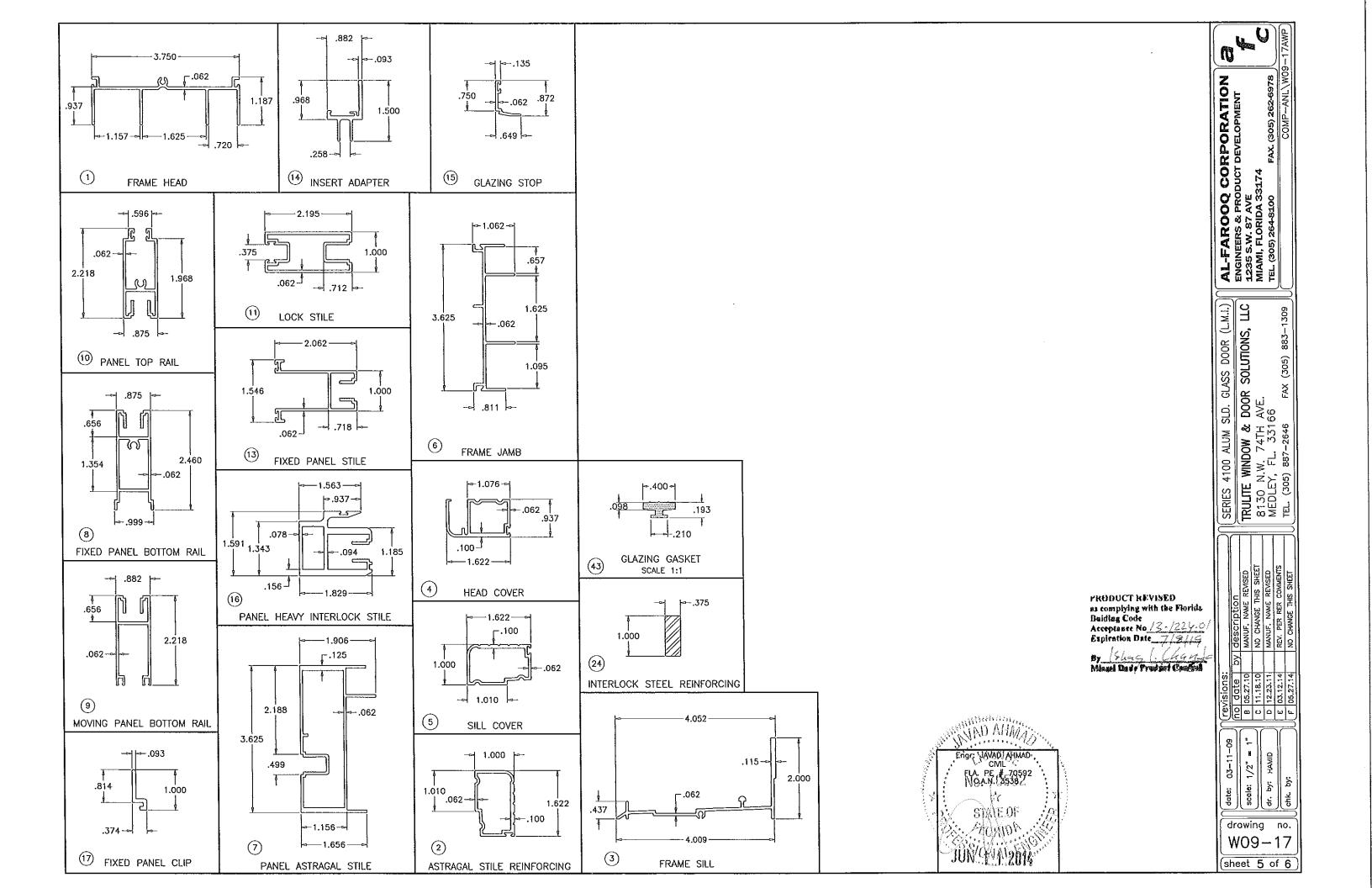
FAX. (305) 262-6978

| Certification | Cevision | Cevi

sheet 3 of 6

TRULITE WINDOW & DOOR S 8130 N.W. 74TH AVE. MEDLEY, FL. 33166





ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL
1	YE-304	1	FRAME HEAD	ALUM. (6063-T6)
2	YE-3010	1	ASTRAGAL REINF. (FULL LENGTH)	ALUM. (6063-T6)
3	YE-373	. 1	FRAME SILL	ALUM. (6063-T6)
4	YE-309	1	HEAD COVER	ALUM. (6063-T6)
5	YE-3010	1	SILL COVER	ALUM. (6063-T6)
6	YE-303	2	FRAME JAMB	ALUM. (6063-T6)
7	YE-344	1	PANEL HEAVY ASTRAGAL STILE	ALUM. (6063-T6)
8	YE-379	2	PANEL BOTTOM RAIL (FIXED)	ALUM. (6063-T6)
9	YE-306	1	PANEL BOTTOM RAIL (MOVING)	ALUM. (6063-T6)
10	YE-307	3	PANEL TOP RAIL (FIXED & MOVING)	ALUM. (6063-T6)
11	YE-301	1	PANEL LOCKING STILE	ALUM. (6063-T6)
12	YH-4044	1	SECURITY LOCK @ 48" FROM BOTTOM, FASTENED W/ (4) #8 X 1" PH SMS	
13	YE-302	2	PANEL FIXED END STILE	ALUM. (6063-T6)
14	YE-382	12	INSERT ADAPTER (7/16" GLASS)	ALUM. (6063-T6)
15	YE-383	12	GLAZING STOP (7/16" GLASS)	ALUM. (6063-T6)
16	YE-325	2	PANEL HEAVY INTERLOCK STILE	ALUM. (6063-T6)
17	YE-377	2	FIXED PANEL CLIP (95" LONG)	ALUM. (6063T6)
18	YH-4003	1	KEEPER	CAST (ZAMAK)
19	YH-4016	1	EXTERIOR CONCEALED HANDLE	CAST (ZAMAK)
20	YH-4017	1	INTERIOR CONCEALED HANDLE	CAST (ZAMAK)
21	YH-4022	1	DOOR HANDLE	CAST (ZAMAK)
22	YH-3023	2	ROLLER ASSEMBLY, FASTENED W/ (1) #10-24 X 7/8" PH MS	STEEL.
23	YH-4002	2	PANEL TOP SLIDE GUIDE	NYLON
24	YH-4027	2	1 x .375" REINF. BAR (FULL PANEL LENGTH)	STEEL (A36)
25	YH-4010	AS REQ.'D	BULB VINYL WEATHERSTRIP	VINYL
26	YH-4004	AS REQ'D.	.187" x .250" WEATHERSTRIP	-
27	YH-6006	AS REQ'D.	.115" x .500" WEATHERSTRIP	
28	YH-4034	1	TYPE B CLIP (2 x 2 x 1 x 1/8")	ALUM. (6063–T6)
29	YH-4055	1	TYPE C CLIP (2 x 2 x 1 x 1/8")	ALUM. (6063-T6)
30	YH-4054	6	TYPE D CLIP (2 x 7/8 x 1/8 x 3")	ALUM. (6063-T6)
31	-	8	#8 x 3/4" PH. P.H. SMS.	CAD PLATED
32	_		#8 x 1-1/2" FH. SMS.	
33	YF-2	46	#10 x 1" PH. SMS. (PANELS/CLIPS)	CAD PLATED
34	YF17	1/WHEEL	#10-24 x 7/8" PH. MS.(WHEEL ADJ)	CAD PLATED
35	YF-10	4/FRAME	#8 x 1" PH. SMS. (FRAME ASSY.)	CAD PLATED
36	11 = 10	6	#10 x 1-1/4" P.H. SMS.	· · · · · · · · · · · · · · · · · · ·
37	YF-18	2	#10 x 3/8" TRUSS HEAD SMS.	CAD PLATED
38	YF-27	2	#10-32 x 1" OVAL HEAD. SS. MS.	CAD PLATED STAINLESS STEEL
39	1	4	<u> </u>	
	YH-4013		PAD (INTRLK/ASTRAGAL (TOP/BOTTOM)	-
40	GB125375	AS REQ.'D	GLAZING SPACER #10 x 1-1/4" FH. SMS.	-
41	ļ	+		CAD PLATED
42	-	1	HOOK LOCK	METALLIC
43	YH624	AS REQD.	GLAZING GASKET, DUROMETER 70±5 SHORE A BY MELTPOINT PLASTICS (TEKNOR APEX COMPANY)	VINYL

